

GenCore version 5.1.4-P5\_4578  
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OM protein - protein search, using sw model

Run on: April 8, 2003, 14:33:47 ; Search time 28 Seconds  
(without Alignments)  
572.696 Million cell updates/sec

Title: US-09-001-737-8  
Perfect score: 545  
Sequence: 1 MAKEIKRSADABAAWVRGVD.....TPAPAMPAGMDPGMGNGMG 545

Scoring table: OLIGO  
Gapop 60.0, Gapext 60.0

Searched: 262574 seqs, 29422922 residues

Word size : 8

Total number of hits satisfying chosen parameters: 94

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Listing first 1000 summaries

Database :  
1: /cgn2\_6/prodata/1/1aa/5A.COMB.pep.\*  
2: /cgn2\_6/prodata/1/1aa/5B.COMB.pep.\*  
3: /cgn2\_6/prodata/1/1aa/6A.COMB.pep.\*  
4: /cgn2\_6/prodata/1/1aa/6B.COMB.pep.\*  
5: /cgn2\_6/prodata/1/1aa/PCRTUS.COMB.pep.\*  
6: /cgn2\_6/prodata/1/1aa/Backfilest.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	24	4.4	544	2	US-08-467-822-33
2	24	4.4	544	4	US-08-432-697-33
3	24	4.4	544	4	US-08-466-248-33
4	20	3.7	309	2	US-08-997-080-118
5	20	3.7	309	2	US-08-997-362-118
6	20	3.7	309	4	US-09-095-855-118
7	20	3.7	309	4	US-09-324-542-118
8	20	3.7	309	4	US-09-205-426-118
9	20	3.7	309	4	US-08-997-080-118
10	20	3.7	309	4	US-08-997-362-118
11	20	3.7	309	4	US-09-095-855-118
12	20	3.7	309	4	US-09-324-542-118
13	20	3.7	309	4	US-09-205-426-118
14	20	3.7	309	2	US-08-997-080-118
15	20	3.7	309	2	US-08-997-362-118
16	20	3.7	309	4	US-09-095-855-118
17	20	3.7	309	4	US-09-324-542-118
18	20	3.7	309	4	US-09-205-426-118
19	20	3.7	309	4	US-08-997-080-118
20	20	3.7	309	4	US-08-997-362-118
21	20	3.7	309	4	US-09-095-855-118
22	20	3.7	309	4	US-09-324-542-118
23	20	3.7	309	4	US-09-205-426-118
24	20	3.7	309	2	US-08-997-080-118
25	20	3.7	309	2	US-08-997-362-118
26	20	3.7	309	4	US-09-095-855-118
27	20	3.7	309	4	US-09-324-542-118

28	20	3.7	541	2	US-08-997-080-160	Sequence 160, App
29	20	3.7	541	2	US-08-997-362-160	Sequence 160, App
30	20	3.7	541	2	US-09-095-855-160	Sequence 160, App
31	20	3.7	541	4	US-08-432-697-34	Sequence 34, Appl
32	20	3.7	541	4	US-08-466-248-34	Sequence 34, Appl
33	20	3.7	541	4	US-09-324-542-160	Sequence 160, App
34	20	3.7	541	4	US-09-205-426-160	Sequence 160, App
35	20	3.7	541	4	US-09-095-855-160	Sequence 160, App
36	16	2.9	112	2	US-08-997-080-78	Sequence 78, Appl
37	16	2.9	112	2	US-08-997-362-78	Sequence 78, Appl
38	16	2.9	112	3	US-08-873-970-78	Sequence 78, Appl
39	16	2.9	112	4	US-09-095-855-78	Sequence 78, Appl
40	16	2.9	112	4	US-09-324-542-78	Sequence 78, Appl
41	16	2.9	112	4	US-09-205-426-78	Sequence 78, Appl
42	16	2.9	112	2	US-08-997-080-117	Sequence 117, App
43	16	2.9	112	2	US-08-997-362-117	Sequence 117, App
44	16	2.9	112	2	US-09-095-855-117	Sequence 117, App
45	16	2.9	112	4	US-09-324-542-117	Sequence 117, App
46	16	2.9	112	4	US-09-205-426-117	Sequence 117, App
47	15	2.8	15	2	US-08-368-834-19	Sequence 19, Appl
48	15	2.8	15	2	US-08-447-154-18	Sequence 18, Appl
49	15	2.8	547	2	US-08-467-822-35	Sequence 35, Appl
50	15	2.8	547	2	US-08-432-697-35	Sequence 35, Appl
51	15	2.8	547	4	US-08-466-248-35	Sequence 35, Appl
52	15	2.8	547	4	US-08-461-722-2	Sequence 2, Appl
53	15	2.8	547	4	US-08-336-251-2	Sequence 2, Appl
54	15	2.8	547	5	PCT-US94-06362-2	Sequence 2, Appl
55	15	2.8	548	2	US-08-467-822-31	Sequence 31, Appl
56	15	2.8	548	2	US-08-467-822-32	Sequence 32, Appl
57	15	2.8	548	2	US-09-472-971-3	Sequence 3, Appl
58	15	2.8	548	4	US-08-432-697-31	Sequence 31, Appl
59	15	2.8	548	4	US-08-432-697-32	Sequence 32, Appl
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61	15	2.8	548	4	US-08-466-248-32	Sequence 32, Appl
62	15	2.8	548	4	US-08-706-209-1	Sequence 1, Appl
63	15	2.8	548	4	US-08-981-787-1	Sequence 1, Appl
64	15	2.8	548	4	US-08-461-722-1	Sequence 1, Appl
65	15	2.8	548	4	US-08-336-251-1	Sequence 1, Appl
66	15	2.8	548	5	PCT-US94-06362-1	Sequence 1, Appl
67	15	2.8	548	5	PCT-US96-11373-1	Sequence 1, Appl
68	15	2.8	548	5	PCT-US96-11375-1	Sequence 1, Appl
69	13	2.4	545	2	US-08-467-822-30	Sequence 30, Appl
70	13	2.4	545	2	US-08-432-697-30	Sequence 30, Appl
71	13	2.4	545	4	US-08-466-248-30	Sequence 30, Appl
72	13	2.4	546	3	US-08-470-260-6	Sequence 6, Appl
73	13	2.4	546	3	US-08-471-491-6	Sequence 6, Appl
74	13	2.4	546	4	US-08-466-248-30	Sequence 30, Appl
75	13	2.4	546	4	US-08-466-248-31	Sequence 31, Appl
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77	12	2.2	541	4	US-08-828-199A-2	Sequence 2, Appl
78	12	2.2	549	2	US-08-828-199A-3	Sequence 3, Appl
79	11	2.0	114	2	US-08-473-020A-21	Sequence 21, Appl
80	11	2.0	114	2	US-08-473-020A-22	Sequence 22, Appl
81	11	2.0	114	2	US-08-473-020A-23	Sequence 23, Appl
82	11	2.0	114	2	US-08-473-020A-27	Sequence 27, Appl
83	11	2.0	114	2	US-08-997-080-80	Sequence 80, Appl
84	11	2.0	114	2	US-08-997-362-80	Sequence 80, Appl
85	11	2.0	114	3	US-08-873-970-80	Sequence 80, Appl
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87	11	2.0	114	4	US-09-095-855-80	Sequence 80, Appl
88	11	2.0	114	4	US-09-324-542-80	Sequence 80, Appl
89	10	1.8	15	2	US-08-368-834-12	Sequence 12, Appl
90	10	1.8	15	2	US-08-447-154-12	Sequence 12, Appl
91	9	1.7	15	4	US-09-025-556-11	Sequence 11, Appl
92	9	1.7	114	2	US-08-473-020A-26	Sequence 26, Appl
93	8	1.5	156	4	US-08-887-534A-92	Sequence 92, Appl
94	8	1.5	533	4	US-09-603-185-2	Sequence 2, Appl

ALIGNMENTS

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US-08-467-822-33
; Sequence 33, Application US/08467822
; Patent No. 5843460
; GENERAL INFORMATION:
; APPLICANT: Labigne, Agnes
; APPLICANT: Sauerbaum, Sebastien
; APPLICANT: Ferrero, Richard L.
; APPLICANT: Thibierge, Jean-Michel
; TITLE OF INVENTION: IMMUNOGENIC COMPOSITIONS AGAINST
; TITLE OF INVENTION: HELICOBLACTER INFECTION, POLYPEPTIDES FOR USE IN THE
; TITLE OF INVENTION: COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Flinnegan, Henderson, Farabow, Garrett &
; ADDRESS: Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/467,822
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/447,177
; FILING DATE: 19-MAY-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/432,697
; FILING DATE: 02-MAY-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 03495.0137-02000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 408-4400
; TELEFAX: (202) 408-4400
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 544 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-467-822-33

Query Match 4.4%; Score 24; DB 2; Length 544;
Best Local Similarity 100.0%; Pred. No. 4e-15;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 AVKAPGGRKRAMEDIAIILTGG 296
DB 275 AVKAPGGRKRAMEDIAIILTGG 298

RESULT 2
US-08-432-697-33
; Sequence 33, Application US/08432697
; Patent No. 6248330
; GENERAL INFORMATION:
; APPLICANT: Labigne, Agnes
; APPLICANT: Sauerbaum, Sebastien
; APPLICANT: Ferrero, Richard L.
; APPLICANT: Thibierge, Jean-Michel
; TITLE OF INVENTION: IMMUNOGENIC COMPOSITIONS AGAINST
; TITLE OF INVENTION: HELICOBLACTER INFECTION, POLYPEPTIDES FOR USE IN THE
; TITLE OF INVENTION: COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Flinnegan, Henderson, Farabow, Garrett &
; ADDRESS: Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30

TITLE OF INVENTION: HELICOBLACTER INFECTION, POLYPEPTIDES FOR USE IN THE
TITLE OF INVENTION: COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Flinnegan, Henderson, Farabow, Garrett &
ADDRESS: Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30

US-08-466-248-33
; Sequence 33, Application US/08466248
; Patent No. 6258359
; GENERAL INFORMATION:
; APPLICANT: Labigne, Agnes
; APPLICANT: Sauerbaum, Sebastien
; APPLICANT: Ferrero, Richard L.
; APPLICANT: Thibierge, Jean-Michel
; TITLE OF INVENTION: IMMUNOGENIC COMPOSITIONS AGAINST
; TITLE OF INVENTION: HELICOBLACTER INFECTION, POLYPEPTIDES FOR USE IN THE
; TITLE OF INVENTION: COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Flinnegan, Henderson, Farabow, Garrett &
; ADDRESS: Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30

Query Match 4.4%; Score 24; DB 4; Length 544;
Best Local Similarity 100.0%; Pred. No. 4e-15;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 AVKAPGGRKRAMEDIAIILTGG 296
DB 275 AVKAPGGRKRAMEDIAIILTGG 298

RESULT 3
US-08-466-248-33
; Sequence 33, Application US/08466248
; Patent No. 6258359
; GENERAL INFORMATION:
; APPLICANT: Labigne, Agnes
; APPLICANT: Sauerbaum, Sebastien
; APPLICANT: Ferrero, Richard L.
; APPLICANT: Thibierge, Jean-Michel
; TITLE OF INVENTION: IMMUNOGENIC COMPOSITIONS AGAINST
; TITLE OF INVENTION: HELICOBLACTER INFECTION, POLYPEPTIDES FOR USE IN THE
; TITLE OF INVENTION: COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Flinnegan, Henderson, Farabow, Garrett &
; ADDRESS: Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
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CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/466,248  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/447,177  
FILING DATE: 19-MAY-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/432,697  
FILING DATE: 02-MAY-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Meyers, Kenneth J.  
REGISTRATION NUMBER: 25,146  
REFERENCE/DOCKET NUMBER: 03495.0137-02000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 408-4000  
TELEFAX: (202) 408-4000  
INFORMATION FOR SEQ ID NO: 33:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 544 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-466-248-33

Query Match 4.4%; Score 24; DB 4; Length 544;  
Best Local Similarity 100.0%; Pred. No. 4e-15;  
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 AVKAFGDRKAMLEDAITG 296  
DB 275 AVKAFGDRKAMLEDAITG 298

RESULT 4  
US-08-997-080-118  
Sequence 118, Application US/08997080  
Patent No. 5968524  
GENERAL INFORMATION:  
APPLICANT: WATSON, JAMES D.  
APPLICANT: TAN, PAUL L.J.  
TITLE OF INVENTION: METHODS AND COMPOUNDS FOR THE TREATMENT OF IMMUNOLOGICALLY-  
NUMBER OF SEQUENCES: 194  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Ann W. Speckman  
STREET: 2601 Elliott Avenue, Suite 4185  
CITY: Seattle  
STATE: WA  
COUNTRY: USA  
ZIP: 98121  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/997,080  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Sleath, Janet  
REGISTRATION NUMBER: 37,007  
REFERENCE/DOCKET NUMBER: 11000.1007  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 206-269-0565  
TELEFAX: 206-269-0563  
TELEX:

INFORMATION FOR SEQ ID NO: 118:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 309 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-997-080-118

Query Match 3.7%; Score 20; DB 2; Length 309;  
Best Local Similarity 100.0%; Pred. No. 2e-11;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 359 DREKLOERLAKGVAVIK 378  
DB 145 DREKLOERLAKGVAVIK 164

RESULT 5  
US-08-997-362-118  
Sequence 118, Application US/08997362  
Patent No. 5985287  
GENERAL INFORMATION:  
APPLICANT: Tan, Paul  
APPLICANT: Hyama, Jun  
APPLICANT: Visser, Elizabeth  
APPLICANT: Skinner, Margot  
APPLICANT: Scott, Linda  
APPLICANT: Prestidge, Ross  
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR  
TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF MYCOBACTERIAL INFECTIONS  
NUMBER OF SEQUENCES: 194  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Ann W. Speckman  
STREET: 2601 Elliott Avenue, Suite 4185  
CITY: Seattle  
STATE: WA  
COUNTRY: USA  
ZIP: 98121  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/997,362  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: U.S. Patent Application No. 5985287 08/873,970  
FILING DATE: June 12, 1997  
APPLICATION NUMBER: U.S. Patent Application No. 5985287 08/705,347  
FILING DATE: August 29, 1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Sleath, Janet  
REGISTRATION NUMBER: 37,007  
REFERENCE/DOCKET NUMBER: 11000.1002c2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 206-269-0565  
TELEFAX: 206-269-0563  
TELEX:

INFORMATION FOR SEQ ID NO: 118:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 309 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-997-362-118

Query Match 3.7%; Score 20; DB 2; Length 309;  
Best Local Similarity 100.0%; Pred. No. 2e-11;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 359 DREKLOERLAKLAGVAVIK 378  
DB 145 DREKLOERLAKLAGVAVIK 164

## RESULT 6

US-09-095-855-118  
Sequence 118, Application US/09095855  
Patent No. 6160093  
GENERAL INFORMATION:  
APPLICANT: Tan, Paul  
APPLICANT: Visser, Elizabeth  
APPLICANT: Skinner, Margot  
APPLICANT: Prestidge, Ross  
TITLE OF INVENTION: Compounds and Methods for  
NUMBER OF INVENTION: Treatment and Diagnosis of Mycobacterial Infections  
NUMBER OF SEQUENCES: 208  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Ann W. Speckman  
STREET: 2601 Elliott Avenue, Suite 4185  
CITY: Seattle  
STATE: WA  
COUNTRY: USA  
ZIP: 98121  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/095,855  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/705,347  
FILING DATE: 29-AUG-1996  
APPLICATION NUMBER: 08/873,970  
FILING DATE: 12-JUN-1997  
APPLICATION NUMBER: 08/997,362  
FILING DATE: 23-DEC-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Sleath, Janet  
REGISTRATION NUMBER: 37,007  
REFERENCE/DOCKET NUMBER: 11000,1002C3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 206-269-0565  
TELEFAX: 206-269-0563  
TELEX:  
INFORMATION FOR SEQ ID NO: 118:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 309 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-09-095-855-118  
Query Match 3.7%; Score 20; DB 4; Length 309;  
Best Local Similarity 100.0%; Pred. No. 2e-11;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 359 DREKLOERLAKLAGVAVIK 378  
DB 145 DREKLOERLAKLAGVAVIK 164

RESULT 7  
US-09-324-542-118  
Sequence 118, Application US/09324542  
Patent No. 6328978  
GENERAL INFORMATION:  
APPLICANT: Watson, James D.

APPLICANT: Tan, Paul L.J.  
APPLICANT: Prestidge, Ross  
TITLE OF INVENTION: Methods and Compounds for the Treatment  
FILE OF INVENTION: of Immunologically-Mediated Skin Disorders  
FILE REFERENCE: 11000,1007C1  
CURRENT APPLICATION NUMBER: US/09/324,542  
EARLIER FILING DATE: 1999-06-02  
EARLIER APPLICATION NUMBER: US 08/997,080  
EARLIER FILING DATE: 1997-12-23  
NUMBER OF SEQ ID NOS: 194  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 118  
LENGTH: 309  
TYPE: PRT  
ORGANISM: Mycobacterium vaccae  
US-09-324-542-118

Query Match 3.7%; Score 20; DB 4; Length 309;  
Best Local Similarity 100.0%; Pred. No. 2e-11;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 359 DREKLOERLAKLAGVAVIK 378  
DB 145 DREKLOERLAKLAGVAVIK 164

RESULT 8  
US-09-205-426-118  
Sequence 118, Application US/09205426  
Patent No. 6406704  
GENERAL INFORMATION:  
APPLICANT: Watson, James D.  
APPLICANT: Tan, Paul L.J.  
TITLE OF INVENTION: Compounds and Methods for Treatment and  
FILE OF INVENTION: Diagnosis of Mycobacterial Infections  
FILE REFERENCE: 11000,1002C4  
CURRENT APPLICATION NUMBER: US/09/205,426  
EARLIER FILING DATE: 1998-12-04  
EARLIER APPLICATION NUMBER: 09/095,855  
EARLIER FILING DATE: 1998-06-11  
EARLIER APPLICATION NUMBER: 08/997,362  
EARLIER FILING DATE: 1997-12-23  
EARLIER APPLICATION NUMBER: 08/873,970  
EARLIER FILING DATE: 1997-06-12  
EARLIER APPLICATION NUMBER: 08/705,347  
EARLIER FILING DATE: 1996-08-29  
NUMBER OF SEQ ID NOS: 208  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 118  
LENGTH: 309  
TYPE: PRT  
ORGANISM: Mycobacterium vaccae  
US-09-205-426-118

Query Match 3.7%; Score 20; DB 4; Length 309;  
Best Local Similarity 100.0%; Pred. No. 2e-11;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 359 DREKLOERLAKLAGVAVIK 378  
DB 145 DREKLOERLAKLAGVAVIK 164

RESULT 9  
US-08-997-080-162  
Sequence 162, Application US/08997080  
Patent No. 5968524  
GENERAL INFORMATION:  
APPLICANT: WATSON, JAMES D.  
APPLICANT: TAN, PAUL L.J.  
TITLE OF INVENTION: METHODS AND COMPOUNDS FOR THE TREATMENT OF IMMUNOLOGICALLY-  
NUMBER OF SEQUENCES: 194  
CORRESPONDENCE ADDRESS:

Page 5

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PRIORITY APPLICATION DATA:
APPLICATION NUMBER: U.S. Patent Application No. 5965287 08/873,970
FILING DATE: June 12, 1997
APPLICATION NUMBER: U.S. Patent Application No. 5965287 08/705,347
FILING DATE: August 29, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Sleath, Janet
REGISTRATION NUMBER: 37,007
REFERENCE/DOCKET NUMBER: 11000.1002c2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-269-0565
TELEFAX: 206-269-0563
TELEX:
INFORMATION FOR SEQ ID NO: 162:
SEQUENCE CHARACTERISTICS:
LENGTH: 327 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-997-362-162

Query Match 3.7% Score 20; DB 2; Length 327;
Best Local Similarity 100.0%; Pred. No. 2, 1e-11;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 359 DREKLOERLAKGAVIK 378
|||||
Db 145 DREKLOERLAKGAVIK 164

RESULT 11
US-09-095-855-162
Sequence 162, Application US/09095855
Patent No. 6160093
GENERAL INFORMATION:
APPLICANT: Yan, Paul
APPLICANT: Visser, Elizabeth
APPLICANT: Skinner, Margot
APPLICANT: Prestidge, Ross
TITLE OF INVENTION: Compounds and Methods for
TITLE OF INVENTION: Treatment and Diagnosis of Mycobacterial Infections
NUMBER OF SEQUENCES: 208
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Ann W. Speckman
STREET: 2601 Elliott Avenue, Suite 4185
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98121
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/095,855
FILING DATE:
CLASSIFICATION:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/705,347
FILING DATE: 29-AUG-1996
APPLICATION NUMBER: 08/873,970
FILING DATE: 12-JUN-1997
APPLICATION NUMBER: 08/997,362
FILING DATE: 23-DEC-1997
ATTORNEY/AGENT INFORMATION:
NAME: Sleath, Janet
REGISTRATION NUMBER: 37,007
REFERENCE/DOCKET NUMBER: 11000.1002c3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-269-0565
TELEFAX: 206-269-0563
TELEX:

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## INFORMATION FOR SEQ ID NO: 162:

SEQUENCE CHARACTERISTICS:  
LENGTH: 327 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-095-855-162

## Query Match

Best Local Similarity 3.7%; Score 20; DB 4; Length 327;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 359 DREKLOERLAKLAGVAVIK 378  
DB 145 DREKLOERLAKLAGVAVIK 164

## RESULT 12

US-09-324-542-162  
Sequence 162, Application US/09324542  
Patent No. 6328978  
GENERAL INFORMATION:  
APPLICANT: Watson, James D.  
APPLICANT: Tan, Paul L.J.  
APPLICANT: Prestidge, Ross  
TITLE OF INVENTION: Methods and Compounds for the Treatment  
of Immunologically-Mediated Skin Disorders  
FILE REFERENCE: 11000.1007c1  
CURRENT APPLICATION NUMBER: US/09/324,542  
EARLIER FILING DATE: 1999-06-02  
EARLIER APPLICATION NUMBER: US 08/997,080  
EARLIER FILING DATE: 1997-12-23  
NUMBER OF SEQ ID NOS: 194  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 162  
LENGTH: 327  
TYPE: PRP  
ORGANISM: Mycobacterium vaccae  
US-09-324-542-162

## Query Match

Best Local Similarity 3.7%; Score 20; DB 4; Length 327;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 359 DREKLOERLAKLAGVAVIK 378  
DB 145 DREKLOERLAKLAGVAVIK 164

## RESULT 13

US-09-205-426-162  
Sequence 162, Application US/09205426  
Patent No. 6406704  
GENERAL INFORMATION:  
APPLICANT: Watson, James D.  
APPLICANT: Tan, Paul L.J.  
TITLE OF INVENTION: Compounds and Methods for Treatment and  
Diagnosis of Mycobacterial Infections  
FILE REFERENCE: 11000.1002c4  
CURRENT APPLICATION NUMBER: US/09/205,426  
EARLIER FILING DATE: 1998-12-04  
EARLIER APPLICATION NUMBER: 09/095,855  
EARLIER FILING DATE: 1998-06-11  
EARLIER APPLICATION NUMBER: 08/997,362  
EARLIER FILING DATE: 1997-12-23  
EARLIER APPLICATION NUMBER: 08/873,970  
EARLIER FILING DATE: 1997-06-12  
EARLIER APPLICATION NUMBER: 08/705,347  
NUMBER OF SEQ ID NOS: 208  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 162  
LENGTH: 327

TYPE: PRP  
ORGANISM: Mycobacterium vaccae  
US-09-205-426-162

## Query Match

Best Local Similarity 3.7%; Score 20; DB 4; Length 327;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 359 DREKLOERLAKLAGVAVIK 378  
DB 145 DREKLOERLAKLAGVAVIK 164

## RESULT 14

US-08-997-080-114  
Sequence 114, Application US/08997080  
Patent No. 5968524  
GENERAL INFORMATION:  
APPLICANT: WATSON, JAMES D.  
APPLICANT: TAN, PAUL L.J.  
TITLE OF INVENTION: METHODS AND COMPOUNDS FOR THE TREATMENT OF IMMUNOLOGICALLY  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Ann W. Speckman  
STREET: 2601 Elliott Avenue, Suite 4185  
CITY: Seattle  
STATE: WA  
COUNTRY: USA  
ZIP: 98121  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/997,080  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Sleath, Janet  
REGISTRATION NUMBER: 37,007  
REFERENCE/DOCKET NUMBER: 11000.1007  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 206-269-0565  
TELEFAX: 206-269-0563  
TELEX:  
INFORMATION FOR SEQ ID NO: 114:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 523 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-997-080-114

## Query Match

Best Local Similarity 3.7%; Score 20; DB 2; Length 523;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 359 DREKLOERLAKLAGVAVIK 378  
DB 359 DREKLOERLAKLAGVAVIK 378

## RESULT 15

US-08-997-362-114  
Sequence 114, Application US/08997362  
Patent No. 5968287  
GENERAL INFORMATION:  
APPLICANT: Tan, Paul

APPLICANT: Hyama, Jun  
APPLICANT: Visser, Elizabeth  
APPLICANT: Skinner, Margot  
APPLICANT: Scott, Linda  
APPLICANT: Prestidge, Ross  
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR  
TREATMENT AND DIAGNOSIS OF MYCOBACTERIAL INFECTIONS  
NUMBER OF SEQUENCES: 194  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Ann W. Speckman  
STREET: 2601 Elliott Avenue, Suite 4185  
CITY: Seattle  
STATE: WA  
COUNTRY: USA  
ZIP: 98121  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/997,362  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: U.S. Patent Application No. 5985287 08/873,970  
FILING DATE: June 12, 1997  
APPLICATION NUMBER: U.S. Patent Application No. 5985287 08/705,347  
FILING DATE: August 29, 1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Sleath, Janet  
REGISTRATION NUMBER: 37,007  
REFERENCE/DOCKET NUMBER: 11000.1002c2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 206-269-0565  
TELEFAX: 206-269-0563  
TELEX:  
INFORMATION FOR SEQ ID NO: 114:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 523 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-997-362-114

Query Match 3.78; Score 20; DB 2; Length 523;  
Best Local Similarity 100.0%; Pred. No. 3.2e-11;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 359 DREKLOERLAKLAGVAVIK 378  
|||||  
Db 359 DREKLOERLAKLAGVAVIK 378

Search completed: April 8, 2003, 14:38:49  
Job time : 30 secs